

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Google Inc., a Delaware corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent applications listed on the attached Appendix (Table 1) by virtue of assignments, including assignments from inventors of the patent applications. The assignments for these patent applications were recorded in the Patent and Trademark Office on the Real and Frame numbers provided in the Appendix (Table 1).

The undersigned, acting on behalf of the assignee, is empowered to act on behalf of the assignee and hereby revokes all powers of attorney previously granted in the applications and appoints the practitioners associated with PTO Customer Number 26192 to prosecute the application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to PTO Customer Number 26192.

Direct all telephone calls to Hans R. Troesch, Reg. No. 36,950, at telephone number (650) 839-5070.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,



Date: September 20, 2011

Fish & Richardson P.C.  
PTO Customer No. 26192  
50802160.doc

Name: Katherine Stephen

Title: Senior Corporate Counsel  
Assistant Secretary

ATTACHMENT: (Table 1; 1 page)

TABLE 1

Attorney Docket No.	Application Serial No.	Recordation Date Reel/Frame
16113-3576001	09/014,669	INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 7/12/2011 AT R/FR: 026581/0178  NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178
16113-3576002	09/245,183	INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 7/12/2011 AT R/FR: 026577/0977  NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178
16113-3576003	10/652,670	INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 5/8/2011 AT R/FR: 026241/0287  NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178
16113-3576004	11/278,688	INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 5/8/2011 AT R/FR: 026241/0246  NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178
16113-3576005	11/734,784	INVENTORS ASSIGNED TO <u>NORTHBROOK DIGITAL LLC</u> , RCRD 5/8/2011 AT R/FR: 026241/0202  NORTHBROOK DIGITAL LLC ASSIGNED TO <u>GOOGLE INC.</u> , RCRD 8/17/2011 AT R/FR: 0267670178